

Romuald Djaroud

*Certified **Azure Cloud & AI Architect** | **20+ Years** of Innovation and Leadership*
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Professional Summary

Innovative Microsoft Azure Cloud & AI Solution **Architect and Developer**, leading complex projects for clients like **Airbus Defence & Space** and **Marlink**.

Recognized for successfully **migrating critical systems to the cloud**, **integrating cutting-edge technologies** and significantly **enhancing system performance, security and delivery**.

Fluent in **English, Dutch, and French** with strong **leadership, time management**, and **creative problem-solving** skills.

Education

- Microsoft Certified: **Azure AI Engineer Associate** (AI-102), Microsoft, **2024**
- Ongoing Professional Development: Tech Communities, Learning Platforms, Conferences
- Time Management and **Productivity**, Online Brian Tracy Academy, 2021
- Effective **Communication** and Consultancy, Avanade, Seattle, USA, 2006
- University of Sciences & Technologies, Lille, France, 1994 – 1998

Areas of Expertise

- **Cloud Architecture**
Azure Cloud, SaaS, Real-Time Event-Driven Architecture, Microservices, Serverless, Azure Messaging and Event Processing Services
- **AI & Machine Learning**
Azure AI Search, Azure AI Services, Semantic Kernel
- **IoT & Real-Time Systems**
Azure IoT Hub, Stream Analytics
- **D365 Customizations & Power Platform**
Dataverse API, Power Automate
- **Development**
C#, TypeScript, .NET / MAUI, Modern Web & Mobile Frameworks
- **Databases**
SQL, NoSQL Graph (Cosmos DB, Redis, Neo4J)
- **Security**
RBAC, SSO, Autho, Azure Key Vault
- **Performance Optimization**
Distributed Caching Architecture
- **DevOps & Automation**
Azure DevOps, GitHub, CI/CD Pipelines, Infrastructure As Code (ARM / Biceps), Docker

Professional Experience

Azure Cloud Solution Architect & Developer, YrData.AI

The Netherlands / Remote | 2014 - Present

- Developed an AI-powered travel assistant for Canggu, Bali using .NET MAUI and Azure AI services. Launched on App Store and Google Play. Integrated Semantic Kernel and Azure AI Search for advanced RAG and Generative AI capabilities. Implemented Agentic AI principles, showcasing expertise in cloud services, mobile development, and cutting-edge AI technologies.
- Successfully migrated HTM's public transport monitoring system to Azure IoT Hub, enabling real-time telemetry, predictive maintenance, and two-way communication. This cloud-based transformation boosted efficiency, allowed on-demand scalability, reduced costs, and enhanced customer experience for Telexis Solutions' platform.
- Architected and implemented a scalable multi-tenant solution for Airbus Defence & Space, featuring a white-labeled customer web portal. Leveraged cutting-edge web and API technologies, coupled with a custom-built code generator and framework, resulting in an 8x reduction in implementation time and significant improvements in code quality.
- Implemented a caching solution for Marlink, significantly enhancing system performance by over 10x, reducing the most heavy calls from 2,5 minutes to 8 seconds.
- Led Onsite and Offshore development teams in Scrum and DevOps practices, structuring and increasing project delivery speed.
- Integrated advanced security measures across applications, enhancing security and user experience while reducing password-related issues.

Microsoft Solution Architect & Developer, Freelance | Avanade | Atos

The Netherlands | 2001 - 2014

- Led digital transformation initiatives for major clients (ING, NN, Gemeente Breda, Raad van de Rechtspraak, ABN AMRO, FMO) using enterprise-scale solutions like BizTalk, SharePoint, K2 Workflows, CRM, and .NET technologies, consistently delivering on time and within budget.
- Recognized for streamlining complex business processes, achieving high client satisfaction rates, and mentoring team members on adopting latest technologies.
- Successfully transitioned from corporate consulting roles at Avanade and Atos to independent freelance consulting in 2006.